

Title (en)  
recombinant FSH

Title (de)  
rekombinantes FSH

Title (fr)  
FSH recombinante

Publication  
**EP 0521586 B1 19990623 (EN)**

Application  
**EP 92202323 A 19860130**

Priority  
• EP 86901246 A 19860130  
• US 69664785 A 19850130

Abstract (en)  
[origin: WO8604589A1] Biologically active heterodimeric human FSH composed of an alpha subunit and a beta subunit, each subunit being synthesized by a cell having an expression vector containing heterologous DNA encoding the subunit.

IPC 1-7  
**C12N 15/16; C12N 15/79; C12N 15/85; C12N 15/86**

IPC 8 full level  
**C12N 15/00** (2006.01); **A61K 31/00** (2006.01); **A61K 35/12** (2006.01); **A61K 35/74** (2006.01); **A61K 38/00** (2006.01); **A61K 38/22** (2006.01); **A61K 38/24** (2006.01); **A61P 5/00** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **C07H 1/00** (2006.01); **C07H 21/04** (2006.01); **C07K 14/00** (2006.01); **C07K 14/005** (2006.01); **C07K 14/195** (2006.01); **C07K 14/47** (2006.01); **C07K 14/575** (2006.01); **C07K 14/59** (2006.01); **C12N 1/00** (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 7/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/16** (2006.01); **C12N 15/62** (2006.01); **C12N 15/79** (2006.01); **C12N 15/85** (2006.01); **C12P 21/00** (2006.01); **C12P 21/02** (2006.01); **C12P 21/04** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR US)  
**A61P 5/00** (2017.12 - EP); **A61P 13/02** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **C07K 14/00** (2013.01 - KR); **C07K 14/4715** (2013.01 - EP US); **C07K 14/59** (2013.01 - EP US); **C12N 15/85** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **C12N 2830/00** (2013.01 - EP US); **C12N 2830/002** (2013.01 - EP US); **C12N 2830/60** (2013.01 - EP US); **C12N 2830/85** (2013.01 - EP US); **C12N 2840/44** (2013.01 - EP US)

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Designated contracting state (EPC)  
IT

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**WO 8604589 A1 19860814**; AT E87317 T1 19930415; DE 19675006 I2 20080612; DE 211894 T1 19910613; DE 3688109 D1 19930429; DE 3688109 T2 19930715; DK 144695 A 19951220; DK 171601 B1 19970217; DK 172625 B1 19990315; DK 463586 A 19860929; DK 463586 D0 19860929; EP 0211894 A1 19870304; EP 0211894 A4 19871012; EP 0211894 B1 19930324; EP 0521586 A1 19930107; EP 0521586 B1 19990623; HK 143295 A 19950915; JP 2559196 B2 19961204; JP 2683563 B2 19971203; JP 2757982 B2 19980525; JP H06253884 A 19940913; JP H07241194 A 19950919; JP H0724584 B2 19950322; JP H07255492 A 19951009; JP H0829106 B2 19960327; JP H09173064 A 19970708; JP S63500212 A 19880128; KR 870700074 A 19870228; KR 910002692 B1 19910503; LU 88738 I2 19960823; MX 9203681 A 19920901; NL 960004 I1 19960902; NL 960004 I2 19970401; US 4923805 A 19900508

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**US 8600223 W 19860130**; AT 86901246 T 19860130; DE 19675006 C 19860130; DE 3688109 T 19860130; DE 86901246 T 19860130; DK 144695 A 19951220; DK 463586 A 19860929; EP 86901246 A 19860130; EP 92202323 A 19860130; HK 143295 A 19950907; JP 1246895 A 19950130; JP 1247495 A 19950130; JP 16260393 A 19930630; JP 25298996 A 19960925; JP 50108086 A 19860130; KR 860700673 A 19860930; LU 88738 C 19860130; MX 9203681 A 19860130; NL 960004 C 19960315; US 69664785 A 19850130